

Market Mechanisms and Incentives: Applications to Environmental Policy

Resources for the Future
1616 P Street, NW, Washington, DC 20036
(202) 328-5000

October 17th – 18th, 2006

(draft as of October 6, 2006)

October 17, 2006: Market Mechanisms in Environmental Policy

8:00 a.m. – 8:30 a.m.	Registration
8:30 a.m. – 8:45 a.m.	Introductory Remarks: Brian Mannix , EPA, Associate Administrator, Office of Policy, Economics and Innovation
8:45 a.m. – 11:45 a.m.	Session I: Brownfields and Land Issues Session Moderator: Robin Jenkins , EPA, National Center for Environmental Economics
8:45 a.m. – 9:00 a.m.	Introductory Remarks: Sven-Erik Kaiser , EPA, Office of Brownfields Cleanup and Redevelopment
9:00 a.m. – 9:30 a.m.	Environmental Liability and Redevelopment of Old Industrial Land Hillary Sigman , Rutgers University
9:30 a.m. – 10:00 a.m.	Incentives for Brownfield Redevelopment: Model and Simulation Peter Schwarz and Alex Hanning , University of North Carolina at Charlotte
10:00 a.m. – 10:15 a.m.	Break
10:15 a.m. – 10:45 a.m.	Brownfield Redevelopment Under the Threat of Bankruptcy Joel Corona , EPA, Office of Water, and Kathleen Segerson , University of Connecticut
10:45 a.m. – 11:00 a.m.	Discussant: David Simpson , EPA, National Center for Environmental Economics
11:00 a.m. – 11:15 a.m.	Discussant: Anna Alberini , University of Maryland
11:15 a.m. – 11:45 a.m.	Questions and Discussion
11:45 a.m. – 12:45 p.m.	Lunch
12:45 p.m. – 2:45 p.m.	Session II: New Designs for Incentive-Based Mechanisms for Controlling Air Pollution Session Moderator: Will Wheeler , EPA, National Center for Economic Research
12:45 p.m. – 1:15 p.m.	Dynamic Adjustment to Incentive-Based Environmental Policy To Improve Efficiency and Performance Dallas Burtraw and Danny Kahn , Resources for the Future

1:15 p.m. – 1:45 p.m.	Output-Based Allocation of Emission Permits for Migrating Tax and Trade Interactions Carolyn Fischer , Resources for the Future
1:45 p.m. – 2:00 p.m.	Discussant: Ann Wolverton , EPA, National Center for Environmental Economics
2:00 p.m. – 2:15 p.m.	Discussant: Arik Levinson , Georgetown University
2:15 p.m. – 2:45 p.m.	Questions and Discussion
2:45 p.m. – 3:00 p.m.	Break
3:00 p.m. – 5:30 p.m.	Session III: Mobile Sources Session Moderator: Elizabeth Kopits , EPA, National Center for Environmental Economics
3:00 p.m. – 3:30 p.m.	Tradable Fuel Economy Credits: Competition and Oligopoly Jonathan Rubin , University of Maine; Paul Leiby , Environmental Sciences Division, Oak Ridge National Laboratory; and David Greene , Oak Ridge National Laboratory
3:30 p.m. – 4:00 p.m.	Do Eco-Communication Strategies Reduce Energy Use and Emissions From Light Duty Vehicles? Mario Teisl , Jonathan Rubin , and Caroline L. Noblet , University of Maine
4:00 p.m. – 4:30 p.m.	Vehicle Choices, Miles Driven, and Pollution Policies Don Fullerton , Ye Feng , and Li Gan , University of Texas at Austin
4:30 p.m. – 4:45 p.m.	Discussant: Ed Coe , EPA, Office of Transportation and Air Quality
4:45 p.m. – 5:00 p.m.	Discussant: Winston Harrington , Resources for the Future
5:00 p.m. – 5:30 p.m.	Questions and Discussion
5:30 p.m.	Adjournment
<u>October 18, 2006:</u>	
8:45 a.m. – 9:15 a.m.	Registration
9:15 a.m. – 12:20 p.m.	Session IV: Air Issues Session Moderator: Elaine Frey , EPA, National Center for Environmental Economics
9:15 a.m. – 9:45 a.m.	Testing for Dynamic Efficiency of the Sulfur Dioxide Allowance Market Gloria Helfand , Michael Moore , and Yimin Liu , University of Michigan
9:45 a.m. – 10:05 a.m.	When To Pollute, When To Abate: Evidence on Intertemporal Use of Pollution Permits in the Los Angeles NO _x Market Michael Moore , University of Michigan, and Stephen P. Holland , University of North Carolina at Greensboro
10:05 a.m. – 10:20 a.m.	Break

10:20 a.m. – 10:50 a.m.	A Spatial Analysis of the Consequences of the SO ₂ Trading Program Ron Shadbegian , University of Massachusetts at Dartmouth; Wayne Gray , Clark University; and Cynthia Morgan , EPA
10:50 a.m. – 11:20 a.m.	Emissions Trading, Electricity Industry Restructuring, and Investment in Pollution Abatement Meredith Fowle , University of Michigan
11:20 a.m. – 11:35 a.m.	Discussant: Sam Napolitano , EPA, Clean Air Markets Division
11:35 a.m. – 11:50 a.m.	Discussant: Nat Keohane , Yale University
11:50 a.m. – 12:20 p.m.	Questions and Discussion
12:20 p.m. – 1:30 p.m.	Lunch
1:30 p.m. – 4:35 p.m.	Session V: Water Issues Session Moderator: Cynthia Morgan , EPA, National Center for Environmental Economics
1:30 p.m. – 2:00 p.m.	An Experimental Economics Examination of Incentive Mechanisms for Reducing Ambient Water Pollution Levels From Agricultural Non-Point Source Pollution Greg Poe , Cornell University
2:00 p.m. – 2:30 p.m.	Choice Experiments To Assess Farmers' Willingness To Participate in a Water Quality Trading Market Jeff Peterson , Washington State University, and Sean Fox, John Leatherman , and Craig Smith , Kansas State University
2:30 p.m. – 2:45 p.m.	Break
2:45 p.m. – 3:15 p.m.	Hale Thurston , EPA, National Risk Management Research Laboratory
3:15 p.m. – 3:35 p.m.	Designing Incentives for Private Maintenance and Restoration of Coastal Wetlands Richard Kazmierczak and Walter Keithly , Louisiana State University at Baton Rouge
3:35 p.m. – 3:50 p.m.	Discussant: Marc Ribaud , USDA, Economic Research Service
3:50 p.m. – 4:05 p.m.	Discussant: Jim Shortle , Pennsylvania State University
4:05 p.m. – 4:35 p.m.	Questions and Discussions
4:35 p.m. – 4:45 p.m.	Final Remarks
4:45 p.m.	Adjournment